

10,524,036-sequence listing-Our reference Number WH-2.ST25
SEQUENCE LISTING

<110> WOCKHARDT LIMITED
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RAJU, Edupuganti B
SHALIGRAM, Umesh S

<120> YEAST PROTEIN EXPRESSION SECRETION SYSTEM

<130> WH-2

<140> US 10/524,036

<141> 2005-02-09

<150> PCT/IB2003/003773

<151> 2003-09-08

<150> US 60/410,774

<151> 2002-09-13

<160> 8

<170> PatentIn version 3.2

<210> 1

<211> 128

<212> PRT

<213> Homo sapiens

<220>

<221> PEPTIDE

<222> (1)..(128)

<400> 1

Met Ile Phe Leu Lys Leu Ile Lys Ser Ile Val Ile Gly Leu Gly Leu
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Val Ser Ala Ile Gln Ala Ala Pro Ala Ser Ser Ile Gly Ser Ser Ala
20 25 30

Ser Ala Ser Ser Ser Ser Glu Ser Ser Gln Ala Thr Ile Pro Asn Asp

35 40 45

Val Thr Leu Gly Val Lys Gln Ile Pro Asn Ile Phe Asn Asp Ser Ala
50 55 60

Val Asp Ala Asn Ala Ala Ala Lys His Pro Leu Glu Lys Arg Phe Val
65 70 75 80

Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val
85 90 95

Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln
100 105 110

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
115 120 125

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<222> (1)..(128)

<400> 2

Met Ile Phe Leu Lys Leu Ile Lys Ser Ile Val Ile Gly Leu Gly Leu
1 5 10 15

Val Ser Ala Ile Gln Ala Ala Pro Ala Ser Ser Ile Gly Ser Ser Ala
20 25 30

Ser Ala Ser Ser Ser Ser Glu Ser Ser Gln Ala Thr Ile Pro Asn Asp
35 40 45

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Val Thr Leu Gly Val Lys Gln Ile Pro Asn Ile Phe Asn Asp Ser Ala
50 55 60

Val Asp Ala Asn Ala Ala Ala Lys His Pro Leu Glu Asn Arg Phe Val
65 70 75 80

Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val
85 90 95

Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln
100 105 110

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
115 120 125

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<211> 116
<212> PRT
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<220>
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<222> (1)..(116)

<400> 3

Met Thr Ser Lys Thr Ile Pro Ala Met Leu Ala Ile Ile Thr Val Ala
1 5 10 15

Tyr Leu Cys Ala Leu Pro His Ala His Ala Arg Ser Thr Gln Gly Tyr
20 25 30

Gly Arg Met Asp Arg Ile Leu Ala Ala Leu Lys Thr Ser Pro Met Glu
35 40 45

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Pro Ser Ala Ala Leu Ala Val Glu Asn Gly Thr Thr His Pro Leu Gly
 50 55 60

Lys Arg Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala
 65 70 75 80

Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
 85 90 95

Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu
 100 105 110

Asn Tyr Cys Asn
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<210> 4
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 <212> PRT
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 <222> (1)..(116)

<400> 4

Met Thr Ser Lys Thr Ile Pro Ala Met Leu Ala Ile Ile Thr Val Ala
 1 5 10 15

Tyr Leu Cys Ala Leu Pro His Ala His Ala Arg Ser Thr Gln Gly Tyr
 20 25 30

Gly Arg Met Asp Arg Ile Leu Ala Ala Leu Lys Thr Ser Pro Met Glu
 35 40 45

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Pro Ser Ala Ala Leu Ala Val Glu Asn Gly Thr Thr His Pro Leu Gly
50 55 60

Asn Arg Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala
65 70 75 80

Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
85 90 95

Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu
100 105 110

Asn Tyr Cys Asn
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<212> DNA
<213> Homo sapiens

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tctcaggcca ccattccaaa cgacgttacc ctgggtgtta agcagatccc aaacatcttc 180
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aaccagcacc tgtgtgggtc tcacctgggt gaggccctgt acctggttg cggtgagaga 300
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aacgactctg ccgttgacgc caacgtgct gctaagcacc cactggagaa cagattcgtg 240

aaccagcacc tgtgtggttc tcacctggtt gaggccctgt acctggttg cggtgagaga 300

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<212> DNA

<213> Homo sapiens

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gccctgaaga cctctccaat ggagccatct gccgccctgg ccgttgagaa cggaaccacc 180

caccactgg gtaagagatt cgtgaaccag cacctgtgtg gtctcacct ggttgaggcc 240

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<210> 8

<211> 348

<212> DNA

<213> Homo sapiens

<400> 8

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ctgccacacg cccacgctag atctaccag gggtacggtg gaatggacag aatcctggcc 120

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gccctgaaga cctctccaat ggagccatct gccgccctgg ccgttgagaa cggaaccacc 180

caccactgg gtaacagatt cgtgaaccag cacctgtgtg gttctcacct ggttgaggcc 240

ctgtacctgg ttgcgggtga gagaggattc ttctacaccc caaagggtat cggtgagcag 300

tgctgcacct ctatctgttc tctgtaccag ctggagaact actgcaac 348